

CUMULATIVE INDEXES

CONTRIBUTING AUTHORS, VOLUMES 17-21

- Adeyemo AA, 21:47-71
Aggerbeck LP, 20:663-97
Alexander MP, 21:475-98
Allan CB, 19:1-16
Amir-Ahmady B, 21:121-40
Antinozzi PA, 19:511-44
Arai H, 19:343-55
Atkinson RL, 17:383-403
- Bacher A, 20:153-67
Baier W, 20:699-722
Baik HW, 19:357-77
Baile CA, 20:105-27
Bakillah A, 19:141-72
Banaszak LJ, 17:277-303
Baranowski J, 19:17-40
Baranowski T, 19:17-40
Baron AD, 17:487-99
Baumgartner RN, 17:527-58
Beck MA, 18:93-116
Behne D, 21:453-73
Bellush LL, 19:437-61
Berman HK, 19:511-44
Bernlohr DA, 17:277-303
Berriot-Varoqueaux N, 20:663-97
Billington CJ, 17:597-619
Birch LL, 19:41-62
Bosch F, 18:207-32
Bowman BA, 19:xiii-xvii; 21:475-98
Broquist HP, 17:1-18
Broun P, 19:197-216
Brown TK, 19:247-77
Brown EM, 20:507-33
Bruce C, 18:297-330
Brunengraber H, 17:559-96
Cai J, 20:485-505
- Canavoso LE, 21:23-46
Carey HV, 20:195-219
Castenmiller JJM, 18:19-38
Chan HM, 20:595-626
Chouinard RA, 18:297-330
Clark MG, 17:487-99
Clarke SD, 19:63-90
Clinton SK, 18:413-40
Coleman RA, 20:77-103
Contreras JA, 20:365-93
Cooper RS, 21:47-71
Coschigano KT, 19:437-61
Cullen KW, 19:17-40
- Daniel PB, 18:353-83
Davidson NO, 20:169-93
Della-Fera MA, 20:105-27
Delzenne NM, 18:117-43
Des Rosiers C, 17:559-96
Dewey KG, 17:19-36
Doyle MP, 17:255-75
Drewnowski A, 17:237-53
- Eberhardt S, 20:153-67
Eide DJ, 18:441-69
Eisenstein RS, 20:627-62
Evock-Clover CM, 18:63-92
Ferraris RP, 20:195-219
Ferré P, 17:325-52
Fischer M, 20:153-67
Fleet JC, 18:233-58
Fomon SJ, 20:273-90
Forrester TE, 21:47-71
Foster JD, 19:379-406
Foufelle F, 17:325-52
Friedl KE, 17:51-75
Fuller MF, 18:385-411
- German JB, 20:561-93
Gettner S, 19:197-216
Giovannucci E, 18:413-40
Girard IA, 19:247-77
Girard J, 17:325-52
Goyer RA, 17:37-50
Gregory JF III, 18:277-96
Grundy SM, 19:325-41
- Habener JF, 18:353-83
Hadsell D, 19:407-36
Hallberg L, 21:1-21
Hambidge M, 21:429-52
Harper M-E, 20:339-63
Harris ED, 20:291-310
Harris P, 17:185-210
Harris RBS, 20:45-75
Harrison EH, 18:259-76
Hashimoto T, 21:193-230
Hegsted DM, 20:1-19
Herbig AK, 21:255-82
Hertzel AV, 17:277-303
Heymsfield SB, 17:527-58
Hill J, 21:323-41
Holm C, 20:365-93
Hoppel C, 18:179-206
Hoyt RW, 17:51-75
Huang M-T, 21:381-406
Hussain MM, 19:141-72
Hwang D, 20:431-56
- Jeffery RW, 20:21-44
Jensen MD, 17:127-39
Jones DP, 20:485-505
Jouni ZE, 21:23-46
Jump DB, 19:63-90
- Kalogeris TJ, 21:231-54
Karnas KJ, 21:23-46

- Katan MB, 17:305-24
Kaytor EN, 17:405-33
Kelleher JK, 17:559-96
Kerner J, 18:179-206
Kerr DE, 18:63-92
Khan LK, 19:xiii-xvii
Kim K-H, 17:77-99
Kis K, 20:153-67
Klein N, 20:699-722
Kopchick JJ, 19:437-61
Kopple JD, 21:343-79
Koski KG, 21:297-321
Kozak LP, 20:339-63
Krauss RM, 21:283-95
Krebs NF, 21:429-52
Kuhnlein HV, 20:595-626
Kunz C, 20:699-722
Kurzer MS, 17:353-81
Kyriakopoulos A, 21:453-73
- Lacourciere GM, 19:1-16
Lamprecht SA, 19:545-85
Landau JM, 21:381-406
Lange AJ, 19:379-406
Laurell H, 20:365-93
Law JH, 17:501-26
Lazar MA, 20:535-59
Lee MM, 20:221-48
Levander OA, 18:93-116
Levine AS, 17:597-619
Lewin TM, 20:77-103
Lieber CS, 20:395-430
Lin SS, 20:221-48
Lipkin M, 19:545-85
Liu M, 21:231-54
Lowe ME, 17:141-58
Lukaski HC, 19:279-302
Luke A, 21:47-71
- Maroni BJ, 17:435-55
Martin RJ, 20:105-27
McIntire WS, 18:145-77
Mehrotra R, 21:343-79
Meng J, 17:255-75
Mitch WE, 17:435-55
Moestrup SK, 21:407-28
Moss J, 19:485-509
- Muoio DM, 20:77-103
- Nagy KA, 19:247-77
Naik S, 20:311-38
Nair KS, 17:457-85
Nelson SE, 20:273-90
Neville MC, 17:159-83
Newgard CB, 19:511-44
Newmark H, 19:545-85
Newmark HL, 21:381-406
Nordlie RC, 19:379-406
- O'Dell BL, 18:1-18
O'Doherty RM, 19:511-44
Okazaki JJ, 19:485-509
Osterlund T, 20:365-93
- Pennington JE, 21:23-46
Picciano MF, 17:159-83
Prentice A, 20:249-72
Prewitt TE, 21:47-71
Pujol A, 18:207-32
- Rangwala SM, 20:535-59
Rasmussen BB, 19:463-84
Rasmussen KM, 21:73-95
Rebouche CJ, 18:39-61
Reddy B, 19:545-85
Reddy JK, 21:193-230
Reeds PJ, 18:385-411
Rennie MJ, 20:457-83
Richter G, 20:153-67
Riley EM, 17:211-35
Roberfroid MB, 18:117-43
Roesler WJ, 21:141-65
Rooyackers OE, 17:457-85
Rosen JM, 19:407-36
Ross R, 17:527-58
Rudloff S, 20:699-722
Rush D, 17:101-25
Russell RM, 19:357-77
- Salati LM, 21:121-40
Samson-Bouma M-E,
20:663-97
Sanderson IR, 20:311-38
Scanlon KS, 21:475-98
- Scott ME, 21:297-321
Seetharam B, 19:173-95
Seim H, 18:39-61
Selhub J, 19:217-46
Serdula MK, 21:475-98
Shelness GS, 20:169-93
Sherwood NE, 20:21-44
Shih H-M, 17:405-33
Simpson MA, 17:277-303
Sirotnak FM, 19:91-122
Smitasiri S, 19:303-24
Somerville C, 19:197-216
Stadtman TC, 19:1-16
Stallings VA, 17:211-35
Steele NC, 18:63-92
Stephensen CB,
21:167-92
Stover PJ, 21:255-82
Strickland DK, 19:141-72
Strobel S, 20:699-722
Suh JR, 21:255-82
Sul HS, 18:331-51
- Tabas I, 19:123-39
Tall AR, 18:297-330
Thomson AB, 21:231-54
Tipton KD, 20:457-83
Tolner B, 19:91-122
Towle HC, 17:405-33
Traber MG, 19:343-55
Trotter PJ, 21:97-119
Tso P, 21:231-54
- Underwood BA,
19:303-24
Urgert R, 17:305-24
- Valera A, 18:207-32
Verroust PJ, 21:407-28
- Walker WH, 18:353-83
Walzem RL, 20:561-93
Wang D, 18:331-51
Wang ZM, 17:527-58
Watson WH,
20:485-505
Wells MA, 21:23-46

Wessling-Resnick M,
20:129-51
West CE, 18:19-38
Wetterau JR, 20:663-97
Wing RR, 21:323-41
Winzerling JJ, 17:501-26

Wolfe RR, 19:463-84
Wood RJ, 18:233-58
Wray-Cahen CD,
18:63-92
Wyszomierski SL,
19:407-36

Xu X, 17:353-81
Yang CS, 21:381-406
Zemel BS, 17:211-35
Ziegler EE, 20:273-90

CHAPTER TITLES, VOLUMES 17-21

Prefatory Essays

Memories of Microbes and Metabolism	HP Broquist	17:1-18
Personal Reflections on a Galvanizing Trail	BL O'Dell	18:1-18
Obesity: A Major Global Public Health Problem	LK Khan, BA Bowman	19:xiii-xvii
From Chick Nutrition to Nutrition Policy	DM Hegsted	20:1-19
Perspectives on Nutritional Iron Deficiency	L Hallberg	21:1-21

Energy Metabolism

Energy and Protein Requirements During Lactation	KG Dewey	17:19-36
Human Body Composition: Advances in Models and Methods	SB Heymsfield, ZM Wang, RN Baumgartner, R Ross	17:527-58
Leptin—Much More Than a Satiety Signal	RBS Harris	20:45-75
Mitochondrial Uncoupling Proteins in Energy Expenditure	LP Kozak, M-E Harper	20:339-63
Transcriptional Control of Adipogenesis	SM Rangwala, MA Lazar	20:535-59

Carbohydrates

Taste Preferences and Food Intake	A Drewnowski	17:237-53
Role of Blood Flow in the Regulation of Muscle Glucose Uptake	AD Baron, MG Clark	17:487-99
Dietary Fructans	MB Roberfroid, NM Delzenne	18:117-43
The Optimal Ratio of Fat-to-Carbohydrate in the Diet	SM Grundy	19:325-41
Metabolic Engineering with Recombinant Adenoviruses	PA Antinozzi, HK Berman, RM O'Doherty, CB Newgard	19:511-44
THE BEHAVIORAL DETERMINANTS OF EXERCISE: Implications for Physical Activity Interventions	NE Sherwood, RW Jeffery	20:21-44

Oligosaccharides in Human Milk: Structural, Functional, and Metabolic Aspects	C Kunz, S Rudloff, W Baier, N Klein, S Strobel	20:699-722
---	--	------------

Lipids

Lipolysis: Contribution from Regional Fat Structure and Function of Pancreatic Lipase and Colipase	MD Jensen	17:127-39
Intracellular Lipid-Binding Proteins and Their Genes	ME Lowe	17:141-58
Plasma Lipid Transfer Proteins, High-Density Lipoproteins, and Reverse Cholesterol Transport	DA Bernlohr, MA Simpson, AV Hertzal, LJ Banaszak	17:277-303
Nonoxidative Modifications of Lipoproteins in Atherogenesis	C Bruce, RA Chouinard, AR Tall	18:297-330
The Mammalian Low-Density Lipoprotein Receptor Family	I Tabas	19:123-39
Genetic Engineering of Plant Lipids	MM Hussain, DK Strickland, A Bakillah	19:141-72
Regulation of Fatty Acid Oxidation in Skeletal Muscle	P Broun, S Gettner, C Somerville	19:197-216
Physiological and Nutritional Regulation of Enzymes of Triacylglycerol Synthesis	BB Rasmussen, RR Wolfe	19:463-84
APOLIPOPROTEIN B: mRNA Editing, Lipoprotein Assembly, and Presecretory Degradation	RA Coleman, TM Lewin, DM Muoio	20:77-103
Molecular Mechanisms Regulating Hormone-Sensitive Lipase and Lipolysis	NO Davidson, GS Shelness	20:169-93
Fatty Acids and Immune Responses—A New Perspective in Searching for Clues to Mechanism	C Holm, T Osterlund, H Laurell, JA Contreras	20:365-93
	D Hwang	20:431-56

The Role of the Microsomal Triglyceride Transfer Protein in Abetalipoproteinemia	N Berriot-Varoqueaux, LP Aggerbeck, M-E Samson-Bouma, JR Wetterau	20:663-97
Peroxisomal β -Oxidation and Peroxisome Proliferator-Activated Receptor α : An Adaptive Metabolic System	JK Reddy, T Hashimoto	21:193-230
The Role of Apolipoprotein A-IV in the Regulation of Food Intake	P Tso, M Liu, TJ Kalogeris, ABR Thomson	21:231-54

Proteins, Peptides, and Amino Acids

Hormonal Regulation of Human Muscle Protein Metabolism	OE Rooyackers, KS Nair	17:457-85
Why Do We Eat? A Neural Systems Approach	AS Levine, CJ Billington	17:597-619
Carnitine Metabolism and Its Regulation in Microorganisms and Mammals	CJ Rebouche, H Seim	18:39-61
Redefining Body Composition: Nutrients, Hormones, and Genes in Meat Production	CD Wray-Cahen, DE Kerr, CM Evock-Clover, NC Steele	18:63-92
Nitrogen Cycling in the Gut	MF Fuller, PJ Reeds	18:385-411
Homocysteine Metabolism	J Selhub	19:217-46
Protein and Amino Acid Metabolism During and After Exercise and the Effects of Nutrition	MJ Rennie, KD Tipton	20:457-83
Diet and Apoptosis	WH Watson, J Cai, DP Jones	20:485-505

Vitamins

Bioavailability and Bioconversion of Carotenoids	JJM Castenmiller, CE West	18:19-38
Newly Discovered Redox Cofactors: Possible Nutritional, Medical, and Pharmacological Relevance to Higher Animals	WS McIntire	18:145-77
Lipases and Carboxylesterases: Possible Roles in the Hepatic Metabolism of Retinol	EH Harrison	18:259-76
Nutritional Properties and Significance of Vitamin Glycosides	JF Gregory III	18:277-96

Carrier-Mediated Membrane Transport of Folates in Mammalian Cells	FM Sirotinak, B Tolner	19:91-122
Receptor-Mediated Endocytosis of Cobalamin (Vitamin B ₁₂)	B Seetharam	19:173-95
Molecular Mechanisms of Vitamin E Transport	MG Traber, H Arai	19:343-55
Characterization of Glycosylphosphatidylinositol-Anchored, Secreted, and Intracellular Vertebrate Mono-ADP-Ribosyltransferases	IJ Okazaki, J Moss	19:485-509
Biosynthesis of Vitamin B ₂	A Bacher, S Eberhardt, M Fischer, K Kis, G Richter	20:153-67
Vitamin A, Infection, and Immune Function	CB Stephensen	21:167-92
New Perspectives on Folate Catabolism	JR Suh, AK Herbig, PJ Stover	21:255-82

Inorganic Nutrients

Toxic and Essential Metal Interactions	RA Goyer	17:37-50
The Molecular Biology of Metal Ion Transport in <i>Saccharomyces cerevisiae</i>	DJ Eide	18:441-69
Responsiveness of Selenoproteins to Dietary Selenium	CB Allan, GM Lacourciere, TC Stadtman	19:1-16
Chromium as a Supplement	HC Lukaski	19:279-302
Iron Transport	M Wessling-Resnick	20:129-51
Retention of Iron by Infants	SJ Fomon, SE Nelson, EE Ziegler	20:273-90
Cellular Copper Transport and Metabolism	ED Harris	20:291-310
The Extracellular Ca ²⁺ -Sensing Receptor (CaR): Central Mediator of Systemic Calcium Homeostasis	EM Brown	20:507-33
Iron Regulatory Proteins and the Molecular Control of Mammalian Iron Metabolism	RS Eisenstein	20:627-62
Interrelationships of Key Variables of Human Zinc Homeostasis: Dietary Zinc Requirements	M Hambidge, NF Krebs	21:429-52
Newly Characterized Selenoproteins	D Behne, A Kyriakopoulos	21:453-73

Other Food Components

Dietary Phytoestrogens	MS Kurzer, X Xu	17:353-81
Newly Discovered Redox Cofactors: Possible Nutritional, Medical, and Pharmacological Relevance to Higher Animals	WS McIntire	18:145-77

Dietary Factors in Human Colorectal Cancer	M Lipkin, B Reddy, H Newmark, SA Lamprecht	19:545-85
Alcohol: Its Metabolism and Interaction with Nutrition	CS Lieber	20:395-430
The Health Benefits of Wine	JB German, RL Walzem	20:561-93
Inhibition of Carcinogenesis by Dietary Polyphenolic Compounds	CS Yang, JM Landau, M-T Huang, HL Newmark	21:381-406

Nutrition and Metabolic Regulation

Regulation of Mammalian Acetyl-Coenzyme A Carboxylase	K-H Kim	17:77-99
Regulation of Milk Lipid Secretion and Composition	MC Neville, MF Picciano	17:159-83
Mechanisms by Which Carbohydrates Regulate Expression of Genes for Glycolytic and Lipogenic Enzymes	J Girard, P Ferré, F Foufelle	17:325-52
Regulation of the Expression of Lipogenic Enzyme Genes by Carbohydrate	HC Towle, EN Kaytor, H-M Shih	17:405-33
Applications of Mass Isotopomer Analysis to Nutrition Research	H Brunengraber, JK Kelleher, C Des Rosiers	17:559-96
Transgenic Mice in the Analysis of Metabolic Regulation	F Bosch, A Pujol, A Valera	18:207-32
Nutritional and Hormonal Regulation of Enzymes in Fat Synthesis: Studies of Fatty Acid Synthase and Mitochondrial Glycerol-3-Phosphate Acyltransferase Gene Transcription	HS Sul, D Wang	18:331-51
Regulation of Gene Expression by Dietary Fat	DB Jump, SD Clarke	19:63-90
Regulation of Glucose Production by the Liver	RC Nordlie, JD Foster, AJ Lange	19:379-406
Intestinal Transport During Fasting and Malnutrition	RP Ferraris, HV Carey	20:195-219
Dietary Regulation of Intestinal Gene Expression	IR Sanderson, S Naik	20:311-38
Dietary Regulation of Expression of Glucose-6-Phosphate Dehydrogenase	LM Salati, B Amir-Ahmady	21:121-40

The Role of C/EBP in Nutrient and Hormonal Regulation of Gene Expression	WJ Roesler	21:141-65
Genetics and Molecular Biology		
Cyclic AMP Signaling and Gene Regulation	PB Daniel, WH Walker, JF Habener	18:353-83
Regulation of Milk Protein Gene Expression	JM Rosen, SL Wyszomierski, D Hadsell	19:407-36
Transgenic Models of Growth Hormone Action	JJ Kopchick, LL Bellush, KT Coschigano	19:437-61
Clinical Nutrition		
Evaluation of Methodology for Nutritional Assessment in Children: Anthropometry, Body Composition, and Energy Expenditure	BS Zemel, EM Riley, VA Stallings	17:211-35
Use of Drugs in the Treatment of Obesity	RL Atkinson	17:383-403
Role of Nutrition in Prevention of the Progression of Renal Disease	BJ Maroni, WE Mitch	17:435-55
Genetic Disorders of Carnitine Metabolism and Their Nutritional Management	J Kerner, C Hoppel	18:179-206
The Genetics of Osteoporosis: Vitamin D Receptor Polymorphisms	RJ Wood, JC Fleet	18:233-58
Diet, Nutrition, and Prostate Cancer	SK Clinton, E Giovannucci	18:413-40
Psychosocial Correlates of Dietary Intake: Advancing Dietary Intervention	T Baranowski, KW Cullen, J Baranowski	19:17-40
Development of Food Preferences	LL Birch	19:41-62
Vitamin B ₁₂ Deficiency in the Elderly	HW Baik, RM Russell	19:357-77
Dietary Fat and Breast Cancer	MM Lee, SS Lin	20:221-48
Calcium in Pregnancy and Lactation	A Prentice	20:249-72
The 'Fetal Origins' Hypothesis: Challenges and Opportunities for Maternal and Child Nutrition	KM Rasmussen	21:73-95
Dietary and Genetic Effects on Low-Density Lipoprotein Heterogeneity	RM Krauss	21:283-95
Successful Weight Loss Maintenance	RR Wing, JO Hill	21:323-41

Nutritional Management of Maintenance Dialysis Patients: Why Aren't We Doing Better?	R Mehrotra, JD Kopple	21:343-79
What Are Preschool Children Eating? A Review of Dietary Assessment	MK Serdula, MP Valexander, KS Scanlon, BA Bowman	21:475-98

Nutritional Anthropology

Environmental Contaminants in Traditional Food Systems of Northern Indigenous Peoples	HV Kuhnlein, HM Chan	20:595-626
Nutritional Consequences of the African Diaspora	A Luke, RS Cooper, TE Prewitt, AA Adeyemo, TE Forrester	21:47-71

Nutritional Microbiology

Emerging Issues in Microbiological Food Safety	J Meng, MP Doyle	17:255-75
Dietary Oxidative Stress and the Potentiation of Viral Infection	MA Beck, OA Levander	18:93-116
Gastrointestinal Nematodes, Nutrition, and Immunity: Breaking the Negative Spiral	KG Koski, ME Scott	21:297-321

Public Health Nutrition

Development and Biomedical Testing of Military Operational Rations	KE Friedl, RW Hoyt	17:51-75
Nutrition Screening in Old People: Its Place in a Coherent Practice of Preventive Health Care	D Rush	17:101-25
Micronutrient Malnutrition: Policies and Programs for Control and Their Implications	BA Underwood, S Smitasiri	19:303-24

Comparative Nutrition

Energy Sources and Requirements of the Exercising Horse	P Harris	17:185-210
Comparative Nutrition of Iron and Copper Energetics of Free-Ranging Mammals, Reptiles, and Birds	JJ Winzerling, JH Law KA Nagy, IA Girard, TK Brown	17:501-26 19:247-77

Fat Metabolism in Insects	LE Canavoso, ZE Jouni, KJ Karnas, JE Pennington, MA Wells	21:23-46
The Genetics of Fatty Acid Metabolism in <i>Saccharomyces Cerevisiae</i>	PJ Trotter	21:97-119

Special Topics

The Cholesterol-Raising Factor from Coffee Beans	R Urgert, MB Katan	17:305-24
Regulation of Metabolism and Body Fat Mass by Leptin	CA Baile, MA Della-Fera, RJ Martin	20:105-27
Megalin- and Cubilin-Mediated Endocytosis of Protein-Bound Vitamins, Lipids, and Hormones in Polarized Epithelia	SK Moestrup, PJ Verroust	21:407-28